

Work Order ID 58164

Monday, April 26, 2010 3:48:24 PM

Page 1

Item ID: DSI 9517-011
Revision ID: PRELIM
Item Name: Wearplate Installation

Accept

Setup Start

Stop

Start Date: 4/26/2010 Start Qty: 2.00

Required Date: 4/27/2010 Req'd Qty: 2.00

Cust Item ID:

Customer:

PRELIMINARY ISSUE

Reference:

Approvals: Process Plan: MF Date: 10-4-26

Tooling:

Date:

Run Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	----------------	--------------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

DSI 9517

PA1

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile & type labels per PPP DSI9517-011 CHG001

TO BE SHIPPED AFTER FAA
APPROVAL 10/04/27

110

Pick Kit

0.00



Packaging

Memo

0.00

Packaging

10-04-27

120

QC4- 100% Inspect kits for completeness

0.00



QC

Memo

0.00

Quality Control

10/04/27

b prem DSI only

+2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 58164

Monday, April 26, 2010 3:48:24 PM



Page 2

Item ID: DSI 9517-011
Revision ID: PRELIM
Item Name: Wearplate Installation

Accept



Setup Start



Stop



Start Date: 4/26/2010 Start Qty: 2.00
Required Date: 4/27/2010 Req'd Qty: 2.00



Cust Item ID:
Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start



Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130		0.00							
	Packaging								
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP DSI9517-011 Location: _____								
140		0.00							
	QC21- Final Inspection - Work Order Release								
QC	Memo	0.00							
Quality Control									

10-04-26

10/04/27 QC21 PER DE APPROVED DSI 9517 Rev. A Prelim

10/10/07
POSITIVE RECALL
EFFECTIVE 10/06 AUTH MF 10-4-27
RELEASED DATE 10.10.07

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Monday, April 26, 2010 3:48:23 PM

Page 1

Work Order ID: 58164

Parent Item: DSI 9517-011

Parent Item Name: Wearplate Installation

Comments: IPP Rev:A new issue DD 10.04.26 verified by:EC

Start Date: 4/26/2010

Required Date: 4/27/2010

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN4C53A Bolt	AN4C53A	Purchased	No			110	Each	10.0000	8.0000	8	100426	OK

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST361

10

114455

10

D3403-5 Bushing		Manufactured	No			110	Each	0.0000	16.0000			
D4095-041 Wearplate Assembly		Manufactured	No			110	Each	0.0000	2.0000			
D4095-043 Wearplate Assembly		Manufactured	No			110	Each	0.0000	2.0000			

B 58105 B 10.04.27

B 58137 B 10.04.27

B 58138 B 10.04.27

W/O: 58164		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
10.04.22	140	AW4C54A TOO LONG. CHG TO AW4C53A. PERMANENT CHG.				10.04.22 QSL042	

Part No: DS19517-011 PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D412-742 REV. D
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D412-742 REV. 3

REF. CANADIAN STC: SH05-37
REF. FAA STC: SR01583SE
REF. EASA STC: EASA.IM.R.S.01126

PURPOSE:

The purpose of this service instruction is to introduce an alternate wearplate installation for the D412-742-011/-013 Skidtube Installations. The new DSI-9517-011 Wearplate Kit consists of new wearplates and gaskets destined to replace existing D3564-1/-3 Wearshoes and D3566-1/-3 Gaskets. The components in the DSI-9517-011 Wearplate Kit are as defined in the parts list on sheet 4 of this service instruction.

INSTALLATION PROCEDURE:

Replace D3564-1/-3 Wearshoes and D3566-1/-3 Gaskets with D4095-041/-043 Wearplates Assemblies as follows:

1. Remove existing D3564-1/-3 Wearshoes and D3566-1/-3 Gaskets per Item 32.6.1 of ICA-D412-742. It might be necessary to loosen the aft end of D3564-5 Wearshoe and D3566-5 Gasket.
2. Remove qty.(4) AN4C52A Bolts, D3403-1 Bushings, and qty.(8) D3672-11 Washers as indicated in Figures 1 and 2 of this service instruction.
3. Inspect the skidtube and saddles per Chapter 5 of ICA-D412-742.
4. Seal existing inserts located on both sides of the skidtube in area shown in Figures 1 and 2 of this service instruction using Sikaflex -241/-291 or Proseal 890 or MIL-S-8802 Class 2B sealant.
5. Locate the DSI-9517-011 Wearplate Kit as shown in Figure 1 and 2 of this service instruction.
6. Transfer drill qty.(2) Ø0.438 hole from the skidtube/saddle to the D4095-041/-043 Wearplates Assemblies. Deburr. Touch up finish per Item 5.2.14 of ICA-D412-742 as required.
7. Install the DSI-9517-011 Wearplate Kit using the same AN3C hardware as shown in ICA-D412-742. Torque to 15-25 in-lbs (1.7-2.8 N-m).
8. Install D3403-5 Bushings and AN4C52A Bolts in lieu of D3403-1 Bushings and AN4C52A Bolts removed at step 2 above. Ensure that the nuts on the AN4C Bolts are on the inboard side of the skidtube. Torque to 50-70 in-lbs (5.7-7.9 N-m).
9. Amend weight and balance per the Weight and Balance Table below.

WEIGHT AND BALANCE:

Use the following weight and balance information for DART D412-742-011/-013 skidtube and saddle installations equipped with DSI-9517-011 Wearplate Kit.

INSTALLATION	WEIGHT	LATERAL		LONGITUDINAL	
		ARM	MOMENT	ARM	MOMENT
D412-742-011 Float Skidtube Installation with DSI-9517-011 Kit Installed	70.0 lb 31.8 kg	±55.0 in ±1.40 m	±3850 in-lb ±44.5 m-kG	130 in 3.3 m	9100 in-lb 105 m-kG
D412-742-013 Float Skidtube Installation with DSI-9517-011 Kit Installed	70.0 lb 31.8 kg	±55.0 in ±1.40 m	±3850 in-lb ±44.5 m-kG	130 in 3.3 m	9100 in-lb 105 m-kG

PRELIMINARY ISSUE
10.04.23

A	NEW ISSUE	MB	10.04.21
REV.	DESCRIPTION	BY	DATE
DESIGN		DART AEROSPACE USA, INC	
DRAWN		PORT HADLOCK, WA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		DSI 9517	SHEET 1 OF 6
APPROVED		TITLE	SCALE
DE APPR.		ALTERNATE WEARPLATE KIT	NTS
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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

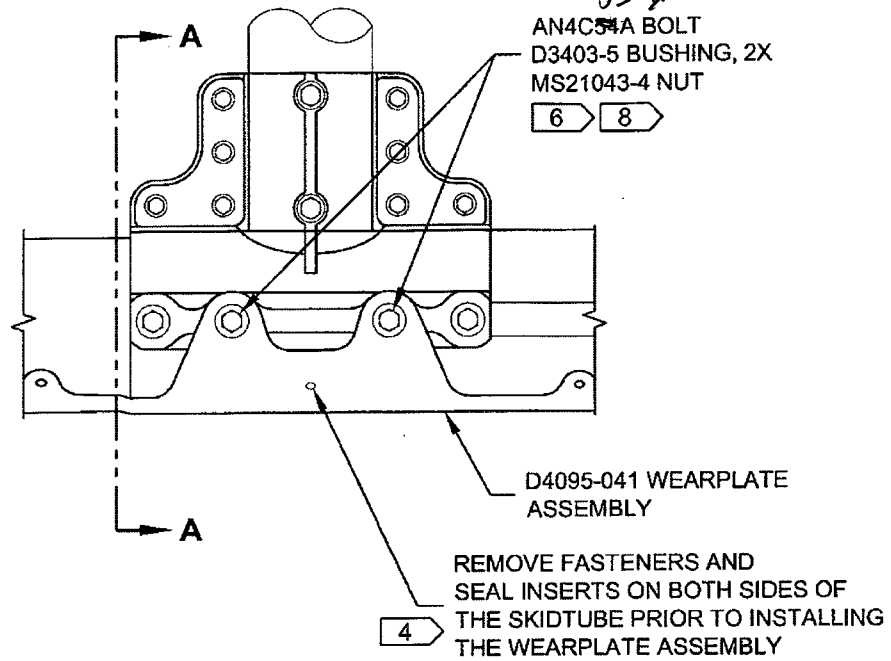
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

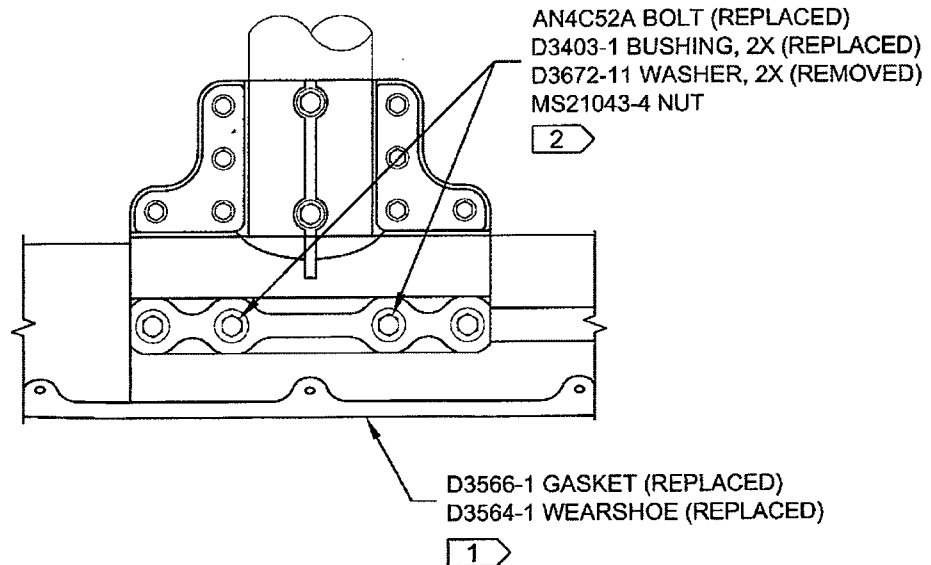
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

IS:



WAS:



**FIGURE 1: CHANGE AT FORWARD SADDLE LOCATION
WITH DSI-9517-011 KIT INSTALLED**

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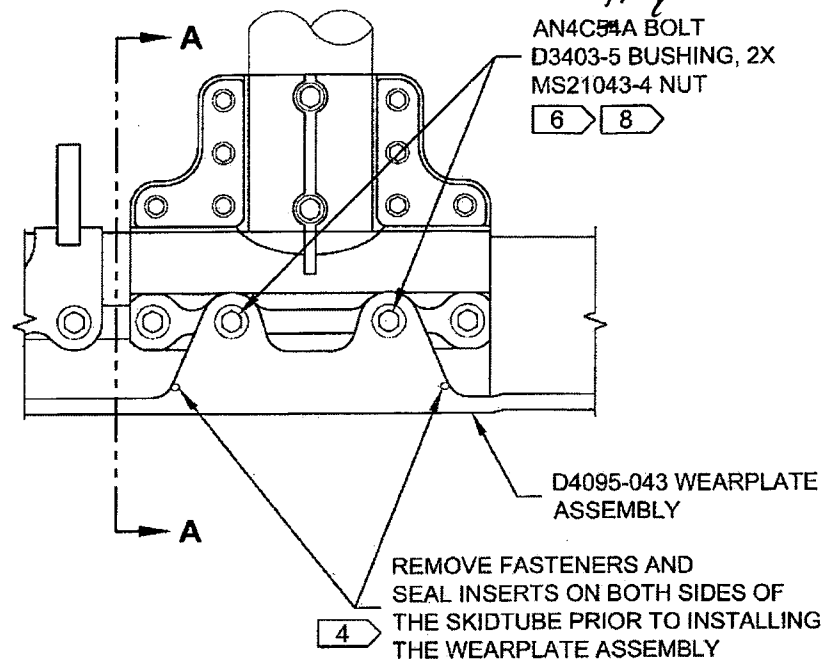
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Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

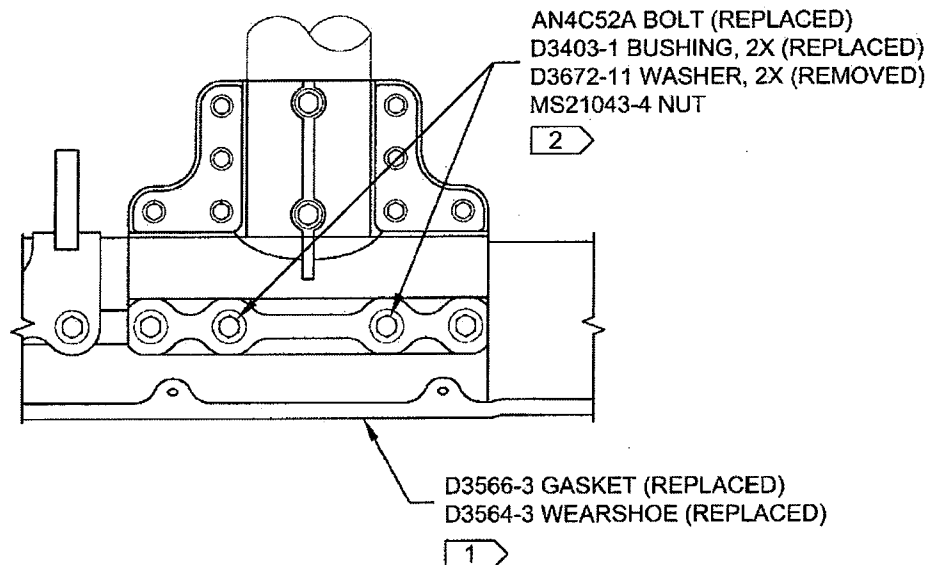
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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

IS:



WAS:



**FIGURE 2: CHANGE AT AFT SADDLE LOCATION
WITH DSI-9517-011 KIT INSTALLED**

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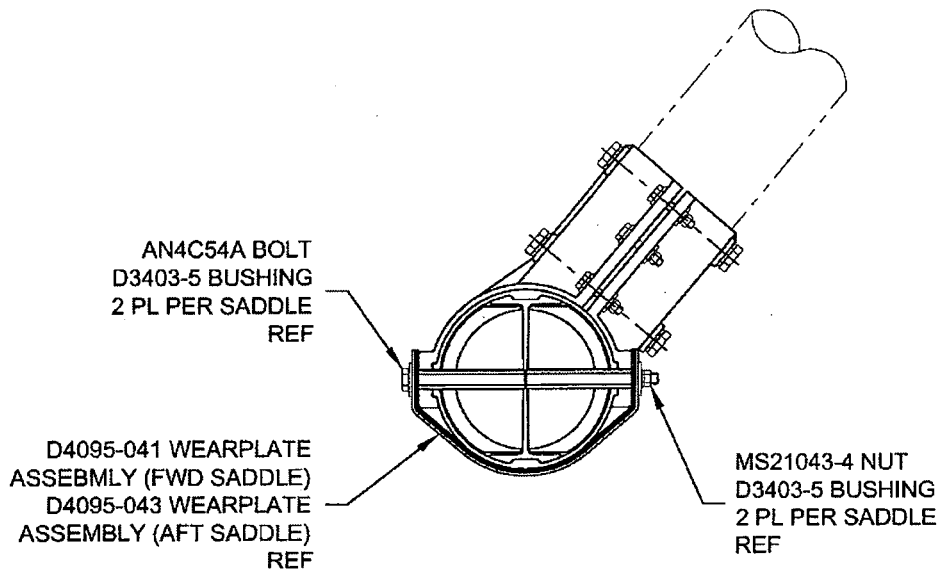
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



SECTION A-A

DSI-9517-011 PARTS LIST:

QTY -011	PART NUMBER	DESCRIPTION
X	DSI-9517-011	WEARPLATE KIT
8	D3403-5	BUSHING
1	D4095-041	WEARPLATE ASSEMBLY
1	D4095-043	WEARPLATE ASSEMBLY
4	AN4C54A	BOLT

58164

53

10.04.22

PRELIMINARY ISSUE

10.04.23

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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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THE PARTS LISTS IN SECTION 32.15 OF ICA-D412-742 (PAGES 53 AND 55) AND SECTION 5.1 OF IIN-D412-742 (PAGES 16 AND 17) ARE AMENDED AS FOLLOWS WHEN OPTIONAL DSI-9517-011 KIT IS INSTALLED:

32.15 D412-742-011 (PMA/OEM) FLOAT SKIDTUBE INSTALLATION PARTS LIST (ICA-D412-742)

5.1 D412-742-011 (PMA/OEM) FLOAT SKIDTUBE INSTALLATION PARTS LIST (IIN-D412-742)

Item	QTY -011	QTY -041	QTY -015	PART NUMBER	DESCRIPTION
	X			D412-742-011	FLOAT SKIDTUBE INSTALLATION
	1	X		D412-742-041	FLOAT SKIDTUBE
	1		X	D412-742-015	ELECTRIC STEP KIT

IS:

3		10		AN3C6A	BOLT (REMOVED QTY.2)
4		4		AN3C7A	BOLT (REMOVED QTY.4)
5		38		AN960C10L	WASHER (REMOVED QTY.6)

21A		1		D4095-041	WEARPLATE ASSEMBLY
21B		*1		*D4096-1 (PART OF D4095-041)	*GASKET (BONDED TO D4095-041, REPLACES D3566-1)
22A		1		D4095-043	WEARPLATE ASSEMBLY
22B		*1		*D4096-3 (PART OF D4095-043)	*GASKET (BONDED TO D4095-043, REPLACES D3566-3)

46	8			D3403-1	BUSHING (REPLACES QTY.4 WITH D3403-5)
46A	8			D3403-5	BUSHING (REPLACES QTY.4 D3403-1)

49	4			AN4C52A	BOLT (REPLACES QTY.4 WITH AN4C52A)
49A	4			AN4C52A	BOLT (REPLACES QTY.4 AN4C52A)

53	8			D3672-11	WASHER (REMOVED QTY.8)
----	---	--	--	----------	------------------------

WAS:

3		12		AN3C6A	BOLT
4		8		AN3C7A	BOLT
5		44		AN960C10L	WASHER

21A		1		D3564-1	WEARPLATE
21B		1		D3564-3	WEARPLATE
22A		1		D3566-1	GASKET
22B		1		D3566-3	GASKET

46	16			D3403-1	BUSHING
----	----	--	--	---------	---------

49	8			AN4C52A	BOLT
----	---	--	--	---------	------

53	16			D3672-11	WASHER
----	----	--	--	----------	--------

*BONDING IS ACHIEVED USING 3M 1300/ 1300L SCOTCH GRIP ADHESIVE.

PRELIMINARY ISSUE

10.04.23

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CHECKED	CP	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9517	SHEET 5 OF 6
APPROVED		TITLE	SCALE
DE APPR.		ALTERNATE WEARPLATE KIT	NTS
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W/O:		WORK ORDER CHANGES					
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

THE PARTS LISTS IN SECTION 32.16 OF ICA-D412-742 (PAGES 57 AND 59) AND SECTION 5.2 OF IIN-D412-742 (PAGES 18 AND 19) ARE AMENDED AS FOLLOWS WHEN OPTIONAL DSI-9517-011 KIT IS INSTALLED:

32.16 D412-742-013 (APICAL TRI-BAG) FLOAT SKIDTUBE INSTALLATION PARTS LIST (ICA-D412-742)
5.2 D412-742-013 (APICAL TRI-BAG) FLOAT SKIDTUBE INSTALLATION PARTS LIST (IIN-D412-742)

Item	QTY -013	QTY -043	PART NUMBER	DESCRIPTION
	X		D412-742-013	FLOAT SKIDTUBE INSTALLATION
	1	X	D412-742-043	FLOAT SKIDTUBE

IS:

3		10	AN3C6A	BOLT (REMOVED QTY.2)
4		4	AN3C7A	BOLT (REMOVED QTY.4)
5		38	AN960C10L	WASHER (REMOVED QTY.6)

21A	1		D4095-041	WEARPLATE ASSEMBLY
21B	*1		*D4096-1 (PART OF D4095-041)	*GASKET (BONDED TO D4095-041, REPLACES D3566-1)
22A	1		D4095-043	WEARPLATE ASSEMBLY
22B	*1		*D4096-3 (PART OF D4095-043)	*GASKET (BONDED TO D4095-043, REPLACES D3566-3)

46	8		D3403-1	BUSHING (REPLACES QTY.4 WITH D3403-5)
46A	8		D3403-5	BUSHING (REPLACES QTY.4 D3403-1)

49	4		AN4C52A	BOLT (REPLACES QTY.4 WITH AN4C52A) <i>52 1</i>
49A	4		AN4C52A	BOLT (REPLACES QTY.4 AN4C52A)

53	8		D3672-11	WASHER (REMOVED QTY.8)
----	---	--	----------	------------------------

WAS:

3		12	AN3C6A	BOLT
4		8	AN3C7A	BOLT
5		44	AN960C10L	WASHER

21A		1	D3564-1	WEARPLATE
21B		1	D3564-3	WEARPLATE
22A		1	D3566-1	GASKET
22B		1	D3566-3	GASKET

46	16		D3403-1	BUSHING
----	----	--	---------	---------

49	8		AN4C52A	BOLT
----	---	--	---------	------

53	16		D3672-11	WASHER
----	----	--	----------	--------

*BONDING IS ACHIEVED USING 3M 1300/ 1300L SCOTCH GRIP ADHESIVE.

PRELIMINARY ISSUE

10.04.23

DESIGN		DART AEROSPACE USA, INC	
DRAWN		PORT HADLOCK, WA	
CHECKED	<i>UP</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>N/A</i>	DSI 9517	SHEET 6 OF 6
APPROVED	<i>##</i>	TITLE	SCALE
DE APPR.	<i>##</i>	ALTERNATE WEARPLATE KIT	NTS
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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D412-742 REV. D
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D412-742 REV. 3

REF. CANADIAN STC: SH05-37
REF. FAA STC: SR01583SE
REF. EASA STC: EASA.IM.R.S.01126

PURPOSE:

The purpose of this service instruction is to introduce an alternate wearplate installation for the D412-742-011/-013 Skidtube Installations. The new DSI-9517-011 Wearplate Kit consists of new wearplates and gaskets destined to replace existing D3564-1/-3 Wearshoes and D3566-1/-3 Gaskets. The components in the DSI-9517-011 Wearplate Kit are as defined in the parts list on sheet 4 of this service instruction.

INSTALLATION PROCEDURE:

Replace D3564-1/-3 Wearshoes and D3566-1/-3 Gaskets with D4095-041/-043 Wearplates Assemblies as follows:

1. Remove existing D3564-1/-3 Wearshoes and D3566-1/-3 Gaskets per Item 32.6.1 of ICA-D412-742. It might be necessary to loosen the aft end of D3564-5 Wearshoe and D3566-5 Gasket.
2. Remove qty.(4) AN4C52A Bolts, D3403-1 Bushings, and qty.(8) D3672-11 Washers as indicated in Figures 1 and 2 of this service instruction.
3. Inspect the skidtube and saddles per Chapter 5 of ICA-D412-742.
4. Seal existing inserts located on both sides of the skidtube in area shown in Figures 1 and 2 of this service instruction using Sikaflex -241/-291 or Proseal 890 or MIL-S-8802 Class 2B sealant.
5. Locate the DSI-9517-011 Wearplate Kit as shown in Figure 1 and 2 of this service instruction.
6. Transfer drill qty.(2) Ø0.438 hole from the skidtube/saddle to the D4095-041/-043 Wearplates Assemblies. Deburr. Touch up finish per Item 5.2.14 of ICA-D412-742 as required.
7. Install the DSI-9517-011 Wearplate Kit using the same AN3C hardware as shown in ICA-D412-742. Torque to 15-25 in-lbs (1.7-2.8 N-m).
8. Install D3403-5 Bushings and AN4C53A Bolts in lieu of D3403-1 Bushings and AN4C52A Bolts removed at step 2 above. Ensure that the nuts on the AN4C Bolts are on the inboard side of the skidtube. Torque to 50-70 in-lbs (5.7-7.9 N-m).
9. Amend weight and balance per the Weight and Balance Table below.

WEIGHT AND BALANCE:

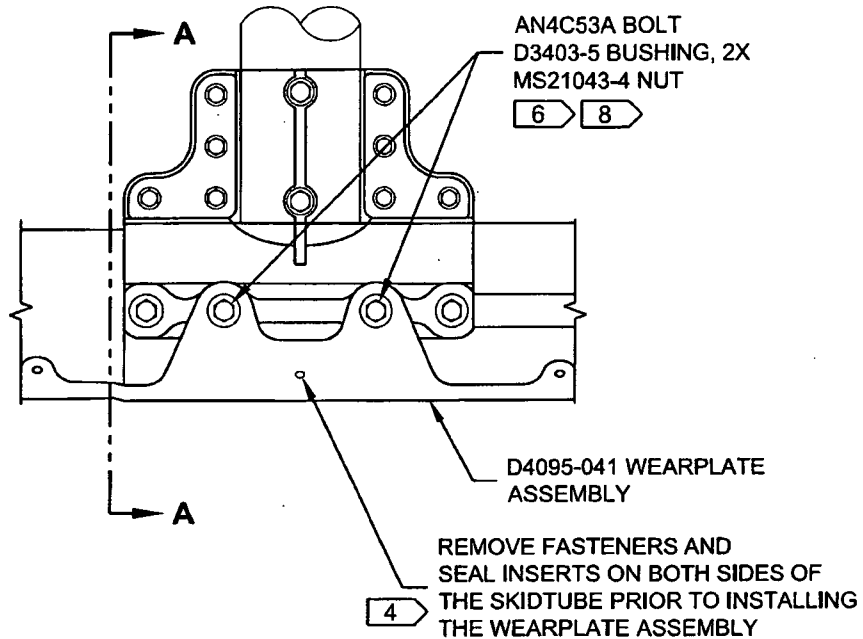
Use the following weight and balance information for DART D412-742-011/-013 skidtube and saddle installations equipped with DSI-9517-011 Wearplate Kit.

INSTALLATION	WEIGHT	LATERAL		LONGITUDINAL	
		ARM	MOMENT	ARM	MOMENT
D412-742-011 Float Skidtube Installation with DSI-9517-011 Kit Installed	70.0 lb 31.8 kg	±55.0 in ±1.40 m	±3850 in-lb ±44.5 m-kG	130 in 3.3 m	9100 in-lb 105 m-kG
D412-742-013 Float Skidtube Installation with DSI-9517-011 Kit Installed	70.0 lb 31.8 kg	±55.0 in ±1.40 m	±3850 in-lb ±44.5 m-kG	130 in 3.3 m	9100 in-lb 105 m-kG

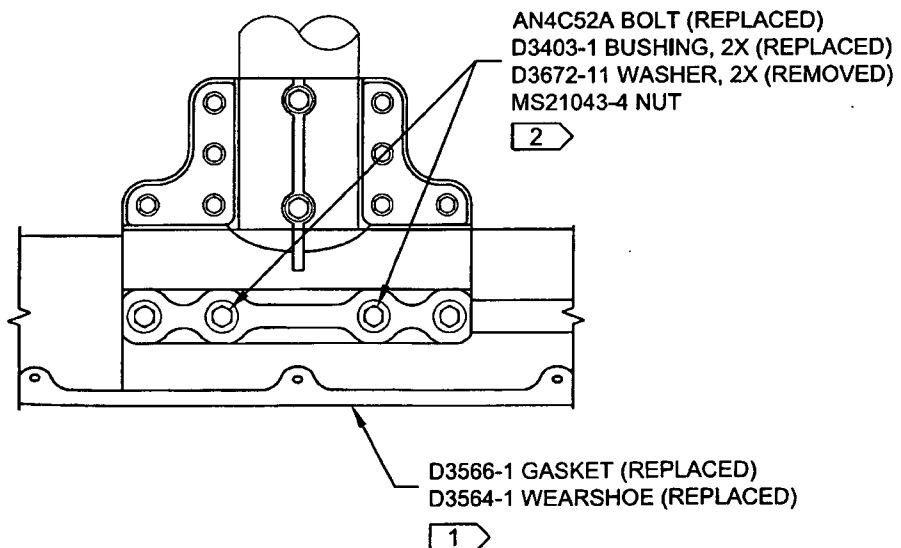
A	NEW ISSUE	MB	10.04.21
REV.	DESCRIPTION	BY	DATE
DESIGN	JL	DART AEROSPACE USA, INC PORT HADLOCK, WA	
DRAWN	JL		
CHECKED	97	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9517	SHEET 1 OF 6
APPROVED	140	TITLE	SCALE
DE APPR.	14	ALTERNATE WEARPLATE KIT	NTS
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5/8/19

IS:



WAS:

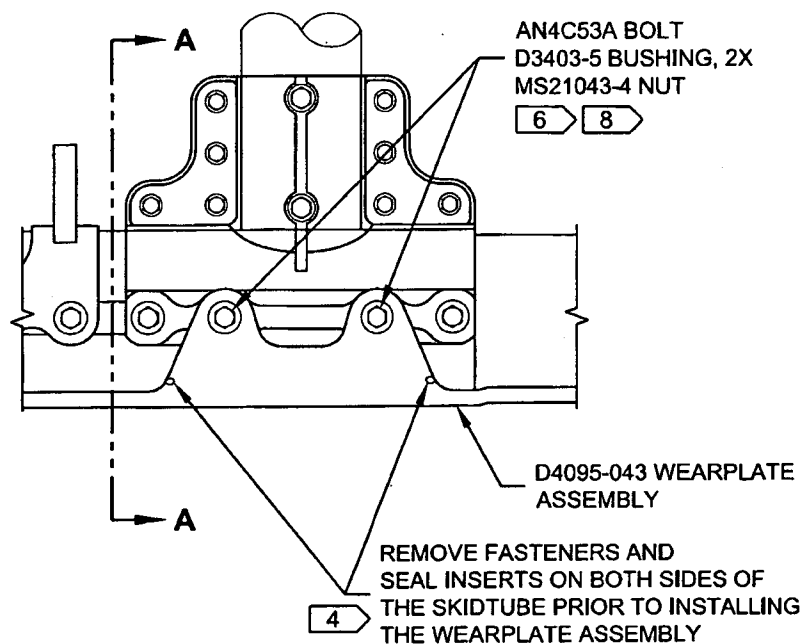


**FIGURE 1: CHANGE AT FORWARD SADDLE LOCATION
WITH DSI-9517-011 KIT INSTALLED**

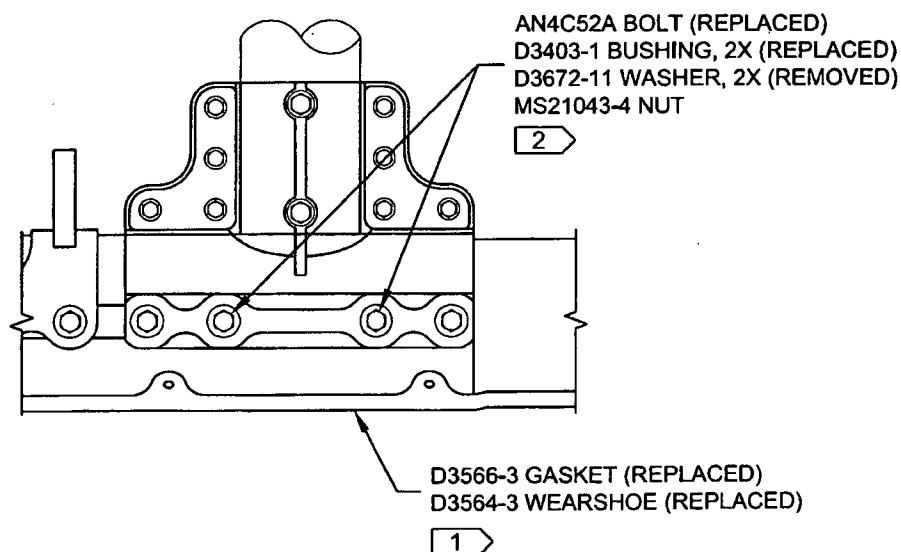
58164

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CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9517	SHEET 2 OF 6
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IS:



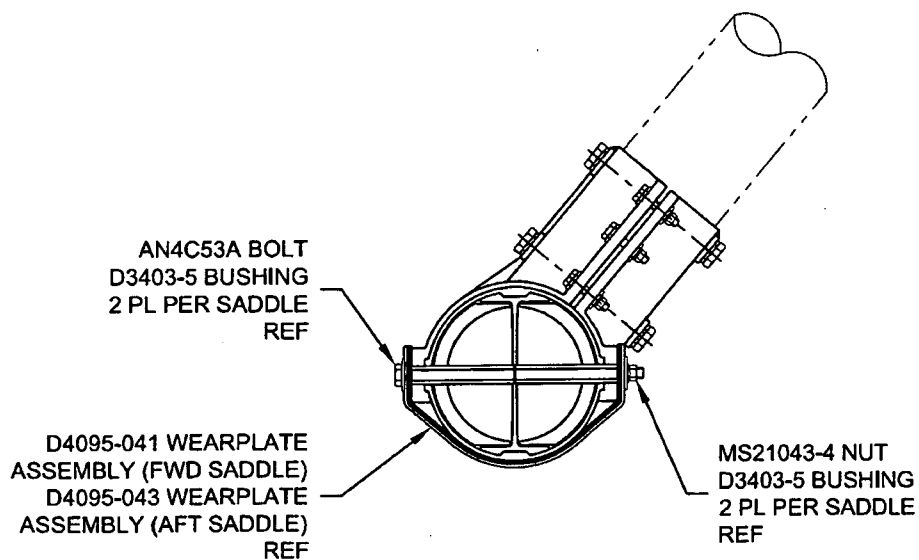
WAS:



**FIGURE 2: CHANGE AT AFT SADDLE LOCATION
WITH DSI-9517-011 KIT INSTALLED**

58764

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MFG. APPR.	N/A	DSI 9517	SHEET 3 OF 6
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SECTION A-A

DSI-9517-011 PARTS LIST:

QTY -011	PART NUMBER	DESCRIPTION
X	DSI-9517-011	WEARPLATE KIT
8	D3403-5	BUSHING
1	D4095-041	WEARPLATE ASSEMBLY
1	D4095-043	WEARPLATE ASSEMBLY
4	AN4C53A	BOLT

DESIGN	<i>[Signature]</i>	DART AEROSPACE USA, INC	
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MFG. APPR.	N/A	DSI 9517	SHEET 4 OF 6
APPROVED	<i>[Signature]</i>	TITLE	SCALE
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58164

THE PARTS LISTS IN SECTION 32.15 OF ICA-D412-742 (PAGES 53 AND 55) AND SECTION 5.1 OF IIN-D412-742 (PAGES 16 AND 17) ARE AMENDED AS FOLLOWS WHEN OPTIONAL DSI-9517-011 KIT IS INSTALLED:

32.15 D412-742-011 (PMA/OEM) FLOAT SKIDTUBE INSTALLATION PARTS LIST (ICA-D412-742)
5.1 D412-742-011 (PMA/OEM) FLOAT SKIDTUBE INSTALLATION PARTS LIST (IIN-D412-742)

Item	QTY -011	QTY -041	QTY -015	PART NUMBER	DESCRIPTION
	X			D412-742-011	FLOAT SKIDTUBE INSTALLATION
	1	X		D412-742-041	FLOAT SKIDTUBE
	1		X	D412-742-015	ELECTRIC STEP KIT

IS:

3		10		AN3C6A	BOLT (REMOVED QTY.2)
4		4		AN3C7A	BOLT (REMOVED QTY.4)
5		38		AN960C10L	WASHER (REMOVED QTY.6)

21A		1		D4095-041	WEARPLATE ASSEMBLY
21B		*1		*D4096-1 (PART OF D4095-041)	*GASKET (BONDED TO D4095-041, REPLACES D3566-1)
22A		1		D4095-043	WEARPLATE ASSEMBLY
22B		*1		*D4096-3 (PART OF D4095-043)	*GASKET (BONDED TO D4095-043, REPLACES D3566-3)

46	8			D3403-1	BUSHING (REPLACED QTY.4 WITH D3403-5)
46A	8			D3403-5	BUSHING (REPLACES QTY.4 D3403-1)

49	4			AN4C52A	BOLT (REPLACED QTY.4 WITH AN4C53A)
49A	4			AN4C53A	BOLT (REPLACES QTY.4 AN4C52A)

53	8			D3672-11	WASHER (REMOVED QTY.8)
----	---	--	--	----------	------------------------

WAS:

3		12		AN3C6A	BOLT
4		8		AN3C7A	BOLT
5		44		AN960C10L	WASHER

21A		1		D3564-1	WEARPLATE
21B		1		D3564-3	WEARPLATE
22A		1		D3566-1	GASKET
22B		1		D3566-3	GASKET

46	16			D3403-1	BUSHING
----	----	--	--	---------	---------

49	8			AN4C52A	BOLT
----	---	--	--	---------	------

53	16			D3672-11	WASHER
----	----	--	--	----------	--------

*BONDING IS ACHIEVED USING 3M 1300/ 1300L SCOTCH GRIP ADHESIVE.

08/16/14

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MFG. APPR.	N/A	DSI 9517	SHEET 5 OF 6
APPROVED		TITLE	SCALE
DE APPR.		ALTERNATE WEARPLATE KIT	NTS
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THE PARTS LISTS IN SECTION 32.16 OF ICA-D412-742 (PAGES 57 AND 59) AND SECTION 5.2 OF IIN-D412-742 (PAGES 18 AND 19) ARE AMENDED AS FOLLOWS WHEN OPTIONAL DSI-9517-011 KIT IS INSTALLED:

32.16 D412-742-013 (APICAL TRI-BAG) FLOAT SKIDTUBE INSTALLATION PARTS LIST (ICA-D412-742)
5.2 D412-742-013 (APICAL TRI-BAG) FLOAT SKIDTUBE INSTALLATION PARTS LIST (IIN-D412-742)

Item	QTY -013	QTY -043	PART NUMBER	DESCRIPTION
	X		D412-742-013	FLOAT SKIDTUBE INSTALLATION
	1	X	D412-742-043	FLOAT SKIDTUBE

IS:

3		10	AN3C6A	BOLT (REMOVED QTY.2)
4		4	AN3C7A	BOLT (REMOVED QTY.4)
5		38	AN960C10L	WASHER (REMOVED QTY.6)

21A	1		D4095-041	WEARPLATE ASSEMBLY
21B	*1		*D4096-1 (PART OF D4095-041)	*GASKET (BONDED TO D4095-041, REPLACES D3566-1)
22A	1		D4095-043	WEARPLATE ASSEMBLY
22B	*1		*D4096-3 (PART OF D4095-043)	*GASKET (BONDED TO D4095-043, REPLACES D3566-3)

46	8		D3403-1	BUSHING (REPLACED QTY.4 WITH D3403-5)
46A	8		D3403-5	BUSHING (REPLACES QTY.4 D3403-1)

49	4		AN4C52A	BOLT (REPLACED QTY.4 WITH AN4C53A)
49A	4		AN4C53A	BOLT (REPLACES QTY.4 AN4C52A)

53	8		D3672-11	WASHER (REMOVED QTY.8)
----	---	--	----------	------------------------

WAS:

3		12	AN3C6A	BOLT
4		8	AN3C7A	BOLT
5		44	AN960C10L	WASHER

21A		1	D3564-1	WEARPLATE
21B		1	D3564-3	WEARPLATE
22A		1	D3566-1	GASKET
22B		1	D3566-3	GASKET

46	16		D3403-1	BUSHING
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49	8		AN4C52A	BOLT
----	---	--	---------	------

53	16		D3672-11	WASHER
----	----	--	----------	--------

*BONDING IS ACHIEVED USING 3M 1300/ 1300L SCOTCH GRIP ADHESIVE.

58165

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DRAWN	<i>B</i>		
CHECKED	<i>q</i>	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9517	SHEET 6 OF 6
APPROVED	<i>NO</i>	TITLE	SCALE
DE APPR.	<i>H</i>	ALTERNATE WEARPLATE KIT	NTS
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Location/Lot Activity

October 7, 2010 1:30:17 PM

Page 1 of 1

Criteria : Item ID: dsi 9517-011 All Locations All Lots All Transaction Types All Dates Report on Locations & Lots

Transaction Type	Item ID/ Item Name	Warehouse Location ID	Reason	Employee ID Location Code	Loc Trans Date	LocQtyPrior/ Location Qty	Lot Number	LotQtyPrior/ Lot Qty	Shelf Life Date Lot Code	Extended Cost
Shipment	DSI 9517-011 / Alternate Wearplate Installation	Main Warehouse FG	SO102219	BEDF01		2.0000		2.0000		
					4/27/10	-2.0000	58164	-2.0000		-\$734.92
								-2.0000		-\$734.92
WIP Receipt	DSI 9517-011 / Alternate Wearplate Installation	Main Warehouse FG	58164	FAUT01		0.0000		0.0000		
					4/27/10	2.0000	58164	2.0000		\$734.92
								2.0000		\$734.92